

## **BACKPACK SUSPENSION SYSTEM**

### **Abstract**

5 A suspension system for a backpack includes a rocker arm pivotally  
connected to the backpack. A first hip stay has a first end connected to a first end of the  
rocker arm and a second end opposite the first end. A second hip stay has a first end  
connected to a second end of the rocker arm and a second end opposite the first end. A  
waist belt is attached to the second end of the first hip stay and to the second end of the  
second hip stay. The first and second hip stays distribute the load of the backpack between  
10 a wearer's left and right hips. A backpack incorporating the suspension system is also  
disclosed.